

## **Features of heavy metals accumulation feathers rock doves Kazan City**

Arinina A., Ivanov D., Muhametyanova L., Basyrov A.  
*Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia*

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### **Abstract**

© SGEM2014 All Rights Reserved. In order bioindication environment is often used live objects. Birds - labile and an integral part of the urbanized landscape, are convenient objects bioindication and biomonitoring. Synanthropic population Rock Doves plentiful, are found in various types of residential construction, available throughout the year, tied to their places of residence, they can be used as test objects. Feathers pigeons tested for heavy metal content. Level of accumulation of metals in feathers corresponds to the metal content in the snow cover and soil. The metal concentration in the feathers varies depending on bird habitats, season of the year, the type of power pigeons. It is important that after taking samples for research animals remained degree of accumulation of heavy metals in feathers reflects the dynamics of the level of the toxic load on the habitats of birds.

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### **Keywords**

Bioindication, Dove feathers, Ecotoxicology, Heavy metals